

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------|------------------|---------|------------------|
| | | @pd<"20040414" and ((flutter with analysis) with ((structure or aircraft)) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:27 |
| | | @pd<"20040414" and ((input with (weight or mass) with location) | US-PGPUB; USPAT | OR | ON | 2008/03/04 14:22 |
| S2 | 1 | "20050234839" and "bias module" | US-PGPUB; USPAT | OR | OFF | 2006/12/14 13:27 |
| S3 | 1 | "20050234839" and "bias vector module" | US-PGPUB; USPAT | OR | OFF | 2006/12/14 13:42 |
| S4 | 1 | "20050234839" and "scalar value" | US-PGPUB; USPAT | OR | OFF | 2006/12/14 13:42 |
| S5 | 1 | "20050234839" and "scalar bias value" | US-PGPUB; USPAT | OR | OFF | 2007/08/30 15:27 |
| S6 | 1 | "20050234839" and "aeroelastic analysis" | US-PGPUB; USPAT | OR | OFF | 2006/12/14 17:06 |
| S7 | 1 | "20050234839" and "stability" | US-PGPUB; USPAT | OR | OFF | 2006/12/14 17:06 |
| S8 | 1 | "20050234839" and "mass input" | US-PGPUB; USPAT | OR | OFF | 2006/12/16 11:41 |
| S9 | 1 | "20050234839" and (mass with input) | US-PGPUB; USPAT | OR | OFF | 2006/12/16 11:42 |
| S10 | 105 | "neural network" and (analysis with repair) | US-PGPUB; USPAT | OR | ON | 2007/04/06 16:11 |
| S11 | 4 | "neural network" and (analysis with repair) and aircraft | US-PGPUB; USPAT | OR | ON | 2007/04/06 16:11 |
| S12 | 597 | meda | US-PGPUB; USPAT | OR | OFF | 2007/04/09 08:15 |
| S13 | 6 | meda and "neural network" | US-PGPUB; USPAT | OR | ON | 2007/04/09 09:25 |
| S14 | 2 | @pd<"20040414" and meda and "neural network" | US-PGPUB; USPAT | OR | ON | 2007/04/09 08:15 |

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|-----|------|---|--------------------|----|----|---------------------|
| S15 | 1 | maintenance and "neural network" | US-PGPUB; USPAT | OR | ON | 2007/04/09 09:25 |
| S16 | 3789 | maintenance and "neural network" | US-PGPUB; USPAT | OR | ON | 2007/04/09 09:25 |
| S17 | 88 | (aircraft with maintenance) and "neural network" | US-PGPUB; USPAT | OR | ON | 2007/04/09 09:25 |
| S18 | 27 | @pd< "20040414" and (aircraft with maintenance) and "neural network" | US-PGPUB; USPAT | OR | ON | 2007/04/09 09:29 |
| S19 | 0 | @pd< "20040414" and ("maintenance evaluation") and "neural network" | US-PGPUB; USPAT | OR | ON | 2007/04/09 09:29 |
| S20 | 3 | @pd< "20040414" and ("maintenance analysis") and "neural network" | US-PGPUB; USPAT | OR | ON | 2007/04/09 09:29 |
| S21 | 0 | @pd< "20040414" and ((adjustment or improvement or mend or "new part" or overhaul or reconstruction or replacement or restoration or substitution or repair or maintenance) with aeroelastic) and "neural network" | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:46 |
| S22 | 5 | @pd< "20040414" and aeroelastic and repair and aircraft | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:45 |
| S23 | 5 | @pd< "20040414" and fix and aircraft and maintenance and flutter and speed | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:37 |
| S24 | 1021 | @pd< "20040414" and frequency and weight and speed and velocity and "transfer function" | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:38 |
| S25 | 0 | @pd< "20040414" and frequency and weight and speed and velocity and "transfer function" and "scalar bias" | US-PGPUB; USPAT | OR | ON | 2007/08/29 15:05 |
| S26 | 0 | @pd< "20040414" and "scalar bias" and (bias with module) and "damping value" | US-PGPUB; USPAT | OR | ON | 2007/08/30 08:54 |
| S27 | 1 | @pd< "20040414" and "scalar bias" and (bias with module) | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:40 |
| S28 | 0 | @pd< "20040414" and "damping value" and (store with loading) | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:41 |

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| S29 | 47 | @pd<"20040414" and (maximum with weight) and keyboard and mouse and trackball | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:42 |
| S30 | 0 | @pd<"20040414" and button and switch and slide and knob and dial and (sigmoid with function) | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:43 |
| S31 | 795 | @pd<"20040414" and button and switch and slide and knob and dial | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:43 |
| S32 | 0 | @pd<"20040414" and (sigmoid with function) and improvement and mend and overhaul | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:43 |
| S33 | 0 | @pd<"20040414" and (sigmoid with function) and improvement and overhaul | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:44 |
| S34 | 492 | @pd<"20040414" and (sigmoid with function) and improvement | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:44 |
| S35 | 0 | @pd<"20040414" and mend and overhaul and patch and reconstruction | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:44 |
| S36 | 1 | @pd<"20040414" and overhaul and patch and reconstruction | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:45 |
| S37 | 32 | @pd<"20040414" and reformation and replacement and restoration and substitution | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:45 |
| S38 | 1 | @pd<"20040414" and "neural network" and "aeroelastic" | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:47 |
| S39 | 23 | 706/23.ccls. and @pd<"20040414" and aircraft | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:48 |
| S40 | 5 | 700/104.ccls. and @pd<"20040414" and aircraft | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:48 |
| S41 | 4 | 700/49.ccls. and @pd<"20040414" and aircraft | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:48 |
| S42 | 52 | 416/23.ccls. and @pd<"20040414" and aircraft | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:48 |
| S43 | 24 | 416/231R.ccls. and @pd<"20040414" and aircraft | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:49 |
| S44 | 0 | 224/145.ccls. and @pd<"20040414" and aircraft | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:49 |

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| S45 | 42 | 60/795.ccls. and @pd<"20040414" and aircraft | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:49 |
| S46 | 0 | 224/145.ccls. and @pd<"20040414" and aeroel\$ | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:49 |
| S47 | 148 | S45 or S43 or S42 or S41 or S40 or S39 | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:50 |
| S48 | 1 | "20050234839" | US-PGPUB; USPAT | OR | OFF | 2007/08/24 14:48 |
| S49 | 1178 | "20050234839" (repair with acceptable) | US-PGPUB; USPAT | OR | OFF | 2007/08/24 14:48 |
| S50 | 0 | "20050234839" and (repair with acceptable) | US-PGPUB; USPAT | OR | OFF | 2007/08/24 14:49 |
| S51 | 1 | "20050234839" and (repair with determine) | US-PGPUB; USPAT | OR | OFF | 2007/08/24 14:51 |
| S52 | 1 | "20050234839" and (repair with result) | US-PGPUB; USPAT | OR | OFF | 2007/08/24 14:52 |
| S53 | 1 | "20050234839" and (aeroelastic) | US-PGPUB; USPAT | OR | OFF | 2007/08/24 15:01 |
| S54 | 1 | "20050234839" and (aeroelastic) and repair | US-PGPUB; USPAT | OR | OFF | 2007/08/24 15:03 |
| S55 | 252 | @pd<"20040414" and (repair adj5 analysis) | US-PGPUB; USPAT | OR | OFF | 2007/08/24 15:04 |
| S56 | 6 | @pd<"20040414" and (repair adj5 analysis) and "neural network" | US-PGPUB; USPAT | OR | ON | 2007/08/24 15:05 |
| S57 | 22 | @pd<"20040414" and (analysis adj5 repair) and "neural network" | US-PGPUB; USPAT | OR | ON | 2007/08/24 15:06 |
| S59 | 271 | aeroelastic | US-PGPUB; USPAT | OR | OFF | 2007/08/29 08:12 |
| S60 | 180 | @pd<"20040414" and aeroelastic | US-PGPUB; USPAT | OR | OFF | 2007/08/29 08:13 |
| S61 | 27 | @pd<"20040414" and aeroelastic and (repair or maintenance) | US-PGPUB; USPAT | OR | OFF | 2007/08/29 08:15 |

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| S62 | 1 | @pd<"20040414" and aeroelastic and (repair or maintenance) and "neural network" | US-PGPUB; USPAT | OR | ON | 2007/08/29 08:18 |
| S63 | 0 | @pd<"20040414" and aeroelastic and ((repair or maintenance) adj3 acceptable) | US-PGPUB; USPAT | OR | ON | 2007/08/29 08:19 |
| S64 | 283 | @pd<"20040414" and ((repair or maintenance) adj3 acceptable) | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:07 |
| S65 | 2 | @pd<"20040414" and ((repair or maintenance) adj3 acceptable) and "neural network" | US-PGPUB; USPAT | OR | ON | 2007/08/29 08:19 |
| S66 | 1034 | @pd<"20040414" and aircraft and (wing with load) | US-PGPUB; USPAT | OR | ON | 2007/08/29 15:05 |
| S67 | 451 | @pd<"20040414" and aircraft and (wing with load) and weight and location | US-PGPUB; USPAT | OR | ON | 2007/08/29 15:14 |
| S68 | 62 | @pd<"20040414" and aircraft and ((wing with load) with stress) | US-PGPUB; USPAT | OR | ON | 2007/08/29 15:14 |
| S69 | 0 | "20050234839" and aircraft and "load test" | US-PGPUB; USPAT | OR | OFF | 2007/08/29 15:21 |
| S70 | 127 | @pd<"20040414" and aircraft and "load test" | US-PGPUB; USPAT | OR | OFF | 2007/08/29 15:22 |
| S71 | 13 | @pd<"20040414" and aircraft and "load test" and ((weight or force) with (location or position)) | US-PGPUB; USPAT | OR | OFF | 2007/08/29 15:28 |
| S72 | 127 | @pd<"20040414" and "load test" and aircraft | US-PGPUB; USPAT | OR | OFF | 2007/08/29 15:28 |
| S73 | 15 | @pd<"20040414" and "load test" and aircraft.ab. | US-PGPUB; USPAT | OR | OFF | 2007/08/29 15:29 |
| S74 | 111 | @pd<"20040414" and (wing with failure) and aircraft.ab. | US-PGPUB; USPAT | OR | OFF | 2007/08/29 15:30 |
| S75 | 62 | @pd<"20040414" and (wing with failure) and aircraft.ab. and load | US-PGPUB; USPAT | OR | OFF | 2007/08/29 15:30 |
| S76 | 64 | @pd<"20040414" and "aircraft repair" | US-PGPUB; USPAT | OR | ON | 2007/08/30 08:54 |
| S77 | 34 | @pd<"20040414" and "aircraft repair" and location | US-PGPUB; USPAT | OR | ON | 2007/08/30 08:54 |

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| S78 | 13 | @pd<"20040414" and "aircraft repair" and location and (mass or weight) | US-PGPUB; USPAT | OR | ON | 2007/08/30 09:58 |
| S79 | 36529 | @pd<"20040414" and repair and location and (mass or weight) | US-PGPUB; USPAT | OR | ON | 2007/08/30 09:58 |
| S80 | 1892 | @pd<"20040414" and repair and (location with (mass or weight)) | US-PGPUB; USPAT | OR | ON | 2007/08/30 09:59 |
| S81 | 46 | @pd<"20040414" and repair and ((location with (mass or weight)) with repair) | US-PGPUB; USPAT | OR | ON | 2007/08/30 09:59 |
| S82 | 46 | @pd<"20040414" and ((location with (mass or weight)) with repair) | US-PGPUB; USPAT | OR | ON | 2007/08/30 11:44 |
| S83 | 804 | @pd<"20040414" and (output same flutter) | US-PGPUB; USPAT | OR | ON | 2007/08/30 11:45 |
| S84 | 0 | @pd<"20040414" and (output same flutter) and (analysis with "contour plot") | US-PGPUB; USPAT | OR | ON | 2007/08/30 11:45 |
| S85 | 0 | @pd<"20040414" and (output same flutter) and ("contour plot") | US-PGPUB; USPAT | OR | ON | 2007/08/30 11:45 |
| S86 | 10 | @pd<"20040414" and (output same flutter) and (analysis with graph\$) | US-PGPUB; USPAT | OR | ON | 2007/08/30 12:27 |
| S87 | 0 | @pd<"20040414" and ("contour plot" with "store load") | US-PGPUB; USPAT | OR | ON | 2007/08/30 12:28 |
| S88 | 0 | @pd<"20040414" and ("contour plot" same "store load") | US-PGPUB; USPAT | OR | ON | 2007/08/30 12:28 |
| S89 | 0 | @pd<"20040414" and ("contour plot" and "store load") | US-PGPUB; USPAT | OR | ON | 2007/08/30 12:28 |
| S90 | 293 | @pd<"20040414" and ("contour plot" and "load") | US-PGPUB; USPAT | OR | ON | 2007/08/30 12:28 |
| S91 | 17 | @pd<"20040414" and ("contour plot" and "load") and aircraft | US-PGPUB; USPAT | OR | ON | 2007/08/30 12:41 |
| S92 | 2 | @pd<"20040414" and ("contour plot" with "load") and aircraft | US-PGPUB; USPAT | OR | ON | 2007/08/30 12:31 |
| S93 | 2 | @pd<"20040414" and ("contour plot" same "load") and aircraft | US-PGPUB; USPAT | OR | ON | 2007/08/30 12:31 |
| S94 | 27 | @pd<"20040414" and (output with flutter) and aircraft | US-PGPUB; USPAT | OR | ON | 2007/08/30 12:41 |

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| S95 | 0 | @pd<"20040414" and ((output with flutter) with (analysis or determin\$)) and aircraft | US-PGPUB; USPAT | OR | ON | 2007/08/30 12:59 |
| S96 | 27 | @pd<"20040414" and (output with flutter) and aircraft | US-PGPUB; USPAT | OR | ON | 2007/08/30 12:59 |
| S97 | 24 | @pd<"20040414" and (determin\$ with flutter) and aircraft | US-PGPUB; USPAT | OR | ON | 2007/08/30 13:12 |
| S98 | 0 | "5746391".pn. and (keyboard or keypad or mouse or trackball or button or switch or slide or knobs or dial) | US-PGPUB; USPAT | OR | ON | 2007/08/30 13:14 |
| S99 | 8070 | @pd<"20040414" and aircraft and (keyboard or keypad or mouse or trackball or button or switch or slide or knobs or dial) and ("electronic port" or "electrical connector" or receiver or "wireless receiver" or "optical reader" or "optical detector" or "magnetic reader") | US-PGPUB; USPAT | OR | ON | 2007/08/30 13:16 |
| S100 | 1090 | @pd<"20040414" and aircraft and "data input" and (keyboard or keypad or mouse or trackball or button or switch or slide or knobs or dial) and ("electronic port" or "electrical connector" or receiver or "wireless receiver" or "optical reader" or "optical detector" or "magnetic reader") | US-PGPUB; USPAT | OR | ON | 2007/08/30 13:17 |
| S101 | 5 | @pd<"20040414" and aircraft and "data input" and flutter and (keyboard or keypad or mouse or trackball or button or switch or slide or knobs or dial) and ("electronic port" or "electrical connector" or receiver or "wireless receiver" or "optical reader" or "optical detector" or "magnetic reader") | US-PGPUB; USPAT | OR | ON | 2007/08/30 13:17 |
| S102 | 1 | "20050234839" and "hyperbolic" | US-PGPUB; USPAT | OR | OFF | 2007/08/30 15:27 |
| S103 | 293 | @pd<"20040414" and ((repair or maintenance) adj3 (certified or acceptable)) | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:07 |
| S104 | 0 | @pd<"20040414" and ((repair or maintenance) adj3 (certified or acceptable)) and aeroelastic | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:08 |
| S105 | 18 | @pd<"20040414" and ((repair or maintenance) adj3 (certified or acceptable)) and aircraft | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:12 |

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|------|-----|--|--------------------|----|-----|---------------------|
| S106 | 428 | "706".clas. and aircraft | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:11 |
| S107 | 45 | "706".clas. and aircraft and repair | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:11 |
| S108 | 171 | 706/33.ccls. and @pd< "20040414" | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:12 |
| S109 | 8 | 706/33.ccls. and @pd< "20040414" and (repair or maintenance) | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:12 |
| S110 | 2 | 706/34.ccls. and @pd< "20040414" and (repair or maintenance) | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:13 |
| S111 | 0 | 706/35.ccls. and @pd< "20040414" and (repair or maintenance) | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:13 |
| S112 | 17 | 706/35.ccls. and @pd< "20040414" | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:13 |
| S113 | 81 | 706/34.ccls. and @pd< "20040414" | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:13 |
| S114 | 684 | 701/35.ccls. and @pd< "20040414" | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:13 |
| S115 | 330 | 701/35.ccls. and @pd< "20040414" and (repair or maintenance) | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:13 |
| S116 | 54 | 701/120.ccls. and @pd< "20040414" and (repair or maintenance) | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:13 |
| S117 | 83 | 701/114.ccls. and @pd< "20040414" and (repair or maintenance) | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:14 |
| S118 | 234 | S117 or S116 or S113 or S112 | US-PGPUB; USPAT | OR | ON | 2007/08/31 11:14 |
| S119 | 1 | "20050234839" and "aeroelastic analysis" | US-PGPUB; USPAT | OR | OFF | 2008/03/04 09:28 |
| S120 | 1 | "20050234839" and "flutter frequency" | US-PGPUB; USPAT | OR | OFF | 2008/03/04 09:34 |
| S121 | 502 | @pd< "20040414" and ((input with (weight or mass)) with location) | US-PGPUB; USPAT | OR | ON | 2008/03/04 14:22 |
| S122 | 57 | @pd< "20040414" and ((input with (weight or mass)) with location) and "neural network" | US-PGPUB; USPAT | OR | ON | 2008/03/04 14:23 |

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|------|-----|---|-----------------|----|-----|------------------|
| S123 | 1 | @pd<"20040414" and ((inspection with aircraft) same "neural network") | US-PGPUB; USPAT | OR | ON | 2008/03/04 15:03 |
| S124 | 1 | "20050234839" and ((input with weight) with location) | US-PGPUB; USPAT | OR | OFF | 2008/03/04 15:32 |
| S125 | 0 | @pd<"20040414" and (("neural network" with aircraft) with (repair or maintenance or inspection or inspect)) | US-PGPUB; USPAT | OR | ON | 2008/03/05 13:56 |
| S126 | 1 | @pd<"20040414" and (("neural network" with aircraft) same (repair or maintenance or inspection or inspect)) | US-PGPUB; USPAT | OR | ON | 2008/03/05 13:56 |
| S127 | 6 | @pd<"20040414" and (("neural network" same aircraft) same (repair or maintenance or inspection or inspect)) | US-PGPUB; USPAT | OR | ON | 2008/03/05 13:56 |
| S128 | 364 | @pd<"20040414" and (("neural network") same (repair or maintenance or inspection or inspect)) | US-PGPUB; USPAT | OR | ON | 2008/03/05 13:56 |
| S129 | 102 | S128 and "706".clas. | US-PGPUB; USPAT | OR | ON | 2008/03/05 13:56 |
| S130 | 0 | 706/20.ccls and @pd<"20040414" | US-PGPUB; USPAT | OR | ON | 2008/03/05 13:57 |
| S131 | 485 | 706/20.ccls. and @pd<"20040414" | US-PGPUB; USPAT | OR | ON | 2008/03/05 13:58 |
| S132 | 20 | 706/20.ccls. and @pd<"20040414" and aircraft | US-PGPUB; USPAT | OR | ON | 2008/03/05 13:58 |
| S133 | 6 | 706/21.ccls. and @pd<"20040414" and aircraft | US-PGPUB; USPAT | OR | ON | 2008/03/05 13:58 |
| S134 | 140 | 706/21.ccls. and @pd<"20040414" | US-PGPUB; USPAT | OR | ON | 2008/03/05 13:58 |
| S135 | 615 | 706/25.ccls. and @pd<"20040414" | US-PGPUB; USPAT | OR | ON | 2008/03/05 13:58 |
| S136 | 31 | 706/25.ccls. and @pd<"20040414" and aircraft | US-PGPUB; USPAT | OR | ON | 2008/03/05 13:58 |
| S137 | 23 | 706/23.ccls. and @pd<"20040414" and aircraft | US-PGPUB; USPAT | OR | ON | 2008/03/05 13:59 |

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| S138 | 210 | 706/23.ccls. and @pd< "20040414" | US- PGPUB; USPAT | OR | ON | 2008/03/05 13:59 |
| S139 | 192 | 706/26.ccls. and @pd< "20040414" | US- PGPUB; USPAT | OR | ON | 2008/03/05 13:59 |
| S140 | 387 | S132 or S134 or S136 or S137 or S139 | US- PGPUB; USPAT | OR | ON | 2008/03/05 13:59 |
| S141 | 1 | "20050234839" | US- PGPUB; USPAT | OR | OFF | 2008/11/14 08:36 |
| S142 | 1 | "20050234839" and computer | US- PGPUB; USPAT | OR | OFF | 2008/11/14 08:36 |
| S143 | 1 | "20050234839" | US- PGPUB; USPAT | OR | ON | 2008/11/14 14:10 |
| S144 | 0 | "20050234839" and carrier | US- PGPUB; USPAT | OR | ON | 2008/11/14 14:10 |
| S145 | 0 | "20050234839" and wave | US- PGPUB; USPAT | OR | ON | 2008/11/14 14:10 |
| S146 | 1 | "20050234839" and signal | US- PGPUB; USPAT | OR | ON | 2008/11/14 14:10 |
| S147 | 1 | "20050234839" and media | US- PGPUB; USPAT | OR | ON | 2008/11/14 14:10 |
| S148 | 28 | @pd< "20040414" and "neural network" and (aero\$ with analysis) | US- PGPUB; USPAT | OR | ON | 2008/11/17 08:32 |
| S149 | 35 | @pd< "20040414" and "neural network" and (aircraft with analysis) | US- PGPUB; USPAT | OR | ON | 2008/11/17 08:33 |
| S150 | 5 | @pd< "20040414" and "neural network" and (aircraft with analysis) and repair | US- PGPUB; USPAT | OR | ON | 2008/11/17 08:33 |
| S151 | 10 | @pd< "20040414" and "neural network" and (aircraft with analysis) and maintenance | US- PGPUB; USPAT | OR | ON | 2008/11/17 08:33 |
| S152 | 32 | @pd< "20040414" and "neural network" and (aircraft with (maintenance or repair)) | US- PGPUB; USPAT | OR | ON | 2008/11/17 08:34 |
| S153 | 1286 | @pd< "20040414" and input and (aircraft with (maintenance or repair)) | US- PGPUB; USPAT | OR | ON | 2008/11/17 08:35 |
| S154 | 214 | @pd< "20040414" and (input same analysis) and (aircraft with (maintenance or repair)) | US- PGPUB; USPAT | OR | ON | 2008/11/17 08:35 |

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| S155 | 12 | S153 and "706".clas. | US-PGPUB; USPAT | OR | ON | 2008/11/17 08:43 |
| S156 | 23 | 706/12.ccls. and aircraft | US-PGPUB; USPAT | OR | ON | 2008/11/17 08:44 |
| S157 | 39 | 706/15.ccls. and aircraft | US-PGPUB; USPAT | OR | ON | 2008/11/17 08:44 |
| S158 | 28 | 706/16.ccls. and aircraft | US-PGPUB; USPAT | OR | ON | 2008/11/17 08:44 |
| S159 | 25 | 706/11.ccls. and aircraft | US-PGPUB; USPAT | OR | ON | 2008/11/17 08:44 |
| S160 | 101 | S156 or S157 or S158 or S159 | US-PGPUB; USPAT | OR | ON | 2008/11/17 08:44 |
| S161 | 1 | "20050234839" | US-PGPUB; USPAT | OR | OFF | 2009/01/16 13:24 |
| S162 | 1 | "20050234839" | US-PGPUB; USPAT | OR | OFF | 2009/02/04 13:32 |
| S163 | 1 | "20050234839" | US-PGPUB; USPAT | OR | OFF | 2009/04/06 08:22 |
| S164 | 0 | "20050234839" and system | US-PGPUB; USPAT | OR | OFF | 2009/04/06 08:27 |
| S165 | 1 | "20050234839" and system | US-PGPUB; USPAT | OR | OFF | 2009/04/06 08:28 |
| S166 | 1 | "20050234839" and method | US-PGPUB; USPAT | OR | OFF | 2009/04/06 10:36 |
| S167 | 1 | "20050234839" and processor | US-PGPUB; USPAT | OR | ON | 2009/04/06 12:29 |
| S168 | 73 | @pd< "20040414" and aeroelastic and flutter | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:20 |
| S169 | 9091 | @pd< "20040414" and (repair with (structure or aircraft)) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:25 |
| S170 | 1 | @pd< "20040414" and (repair with (structure or aircraft)) and aeroelastic | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:25 |
| S171 | 395 | @pd< "20040414" and ((parameter or characteristic) with flutter) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:26 |

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|------|------|---|-----------------|----|----|------------------|
| S172 | 7 | @pd<"20040414" and ((parameter or characteristic) with flutter) and ((parameter or characteristic) with repair) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:26 |
| S173 | 5 | @pd<"20040414" and ((flutter with analysis) with (structure or aircraft)) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:27 |
| S174 | 4846 | @pd<"20040414" and (flutter with frequency) and (flutter with speed) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:28 |
| S175 | 3727 | @pd<"20040414" and (flutter with frequency) and (flutter with speed) and (repair with acceptable) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:28 |
| S176 | 0 | @pd<"20040414" and (flutter with frequency) and (flutter with speed) and (repair with acceptable) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:29 |
| S177 | 217 | @pd<"20040414" and (flutter with frequency) and (flutter with speed) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:29 |
| S178 | 834 | @pd<"20040414" and (repair with acceptable) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:37 |
| S179 | 0 | @pd<"20040414" and (repair with acceptable) and aeroelastic | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:37 |
| S180 | 2 | @pd<"20040414" and aeroelastic.clm. and flutter.clm. | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:38 |
| S181 | 451 | @pd<"20040414" and (repair.clm. with (structure.clm. or aircraft.clm.)) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:38 |
| S182 | 26 | @pd<"20040414" and ((parameter.clm. or characteristic.clm.) with flutter.clm.) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:38 |
| S183 | 26 | @pd<"20040414" and ((parameter.clm. or characteristic.clm.) with flutter.clm.) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:40 |
| S184 | 119 | @pd<"20040414" and ((parameter.clm. or characteristic.clm.) with repair.clm.) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:40 |
| S185 | 9 | @pd<"20040414" and (flutter.clm. with frequency.clm.) and (flutter.clm. with speed.clm.) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:47 |
| S186 | 65 | @pd<"20040414" and (flutter.clm. with frequency.clm.) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:47 |

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|------|------|---|-----------------|----|----|------------------|
| S187 | 31 | @pd<"20040414" and (flutter. clm. with speed.clm.) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:47 |
| S188 | 87 | S186 or S187 | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:47 |
| S189 | 79 | @pd<"20040414" and (repair. clm. with acceptable.clm.) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:51 |
| S190 | 3298 | @pd<"20040414" and (repair with (structure or aircraft)) and (aeroelastic or flutter or frequency or speed) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:59 |
| S191 | 8 | "706".clas. and @pd<"20040414" and (repair with (structure or aircraft)) and (aeroelastic or flutter or frequency or speed) | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:59 |
| S192 | 0 | 706/15.ccls. and @pd<"20040414" and (repair with (structure or aircraft)) | US-PGPUB; USPAT | OR | ON | 2009/04/06 15:10 |
| S193 | 0 | 706/15.ccls. and @pd<"20040414" and (aeroelastic or flutter) | US-PGPUB; USPAT | OR | ON | 2009/04/06 15:10 |
| S194 | 271 | 706/15.ccls. and @pd<"20040414" | US-PGPUB; USPAT | OR | ON | 2009/04/06 15:11 |
| S195 | 346 | 706/46.ccls. and @pd<"20040414" | US-PGPUB; USPAT | OR | ON | 2009/04/06 15:11 |
| S196 | 1 | 706/46.ccls. and @pd<"20040414" and (aeroelastic or flutter) | US-PGPUB; USPAT | OR | ON | 2009/04/06 15:11 |

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